

MATERIAL SAFETY DATA SHEET

Ashland Chemical Co.

Page 001  
Date Prepared: 01/05/96  
Date Printed: 03/09/96  
MSDS No: 0074466-002.001

UREA FEED GRADE

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Material Identity**

Product Name: UREA FEED GRADE  
General or Generic ID: UREA

**Company**

Ashland Chemical Co.  
P.O. Box 2219  
Columbus, OH 43216  
614-790-3333

**Emergency Telephone Number:**

1-800-ASHLAND (1-800-274-5263)  
24 hours everyday

Regulatory Information Number:  
1-800-325-3751

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
UREA	57-13-6	100.0

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3. HAZARDS IDENTIFICATION

**Potential Health Effects**

**Eye**

Exposure causes eye irritation. Symptoms may include stinging, tearing, redness, and swelling.

**Skin**

Exposure may cause mild skin irritation. Symptoms may include redness and burning.

**Swallowing**

Not expected to result in harmful effects.

**Inhalation**

Exposure is possible under certain conditions of handling and use (for example, during heating, spraying, or stirring). Exposure may be harmful or fatal. Symptoms may include severe irritation and burns to the nose, throat, and respiratory tract.

**Symptoms of Exposure**

No data

**Target Organ Effects**

No data

**Developmental Information**

No data

**Cancer Information**

No data

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**Other Health Effects**

No data

**Primary Route(s) of Entry**

Inhalation, Skin contact.

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**4. FIRST AID MEASURES**

**Eyes**

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

**Skin**

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Swallowing**

If swallowed, seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If individual is conscious and alert, induce vomiting by giving syrup of ipecac or by gently placing two fingers at the back of the throat. If possible, do not leave individual unattended.

**Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**Note to Physicians**

No data

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**5. FIRE FIGHTING MEASURES**

**Flash Point**

Not applicable

**Explosive Limit**

Not applicable

**Autoignition Temperature**

No data

**Hazardous Products of Combustion**

May form: acid vapors, carbon dioxide and carbon monoxide, nitrogen compounds.

**Fire and Explosion Hazards**

No special fire hazards are known to be associated with this product.

**Extinguishing Media**

regular foam, water fog, carbon dioxide, dry chemical.

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